

# **LIFT SYSTEM FOR AN AERIAL CRANE AND PROPULSION SYSTEM FOR A VEHICLE**

## **ABSTRACT OF THE DISCLOSURE**

5

The present invention provides an improved lift system for an aerial crane incorporating a wing, coanda and curved surface. The arrangement of the wing, coanda and curved surface use and induce airflow to create additional lift through an increase in airflow mass, density and velocity. A different configuration of the wing, coanda and

10 curved surface can be used to propel a vehicle.